CAS 108-95-2

Substance name Phenol

## **Toxicity**

High levels of oral or inhalation exposure during pregnancy resulted in dose-dependent fetotoxicity in animals studies. The EPA oral reference dose is based on a developmental toxicity study in rats which showed decreased fetal body weight and delayed ossification of bones. Phenolic disnfectants in hospital neonatal units have caused outbreaks of hyberbilirubinemia in infants and some cases of fetal death.

## **Exposure**

Phenol was found in various children's products in testing by the Danish EPA.<sup>6</sup> it was detected in a nursing pillow, a balloon, glitter glue, an infant jacket, in ABS and PVC plastics, a tent, and a coating on a wooden toy. Phenol is also listed as an ingredient in diaper rash ointment, lip products, and dandruff shampoo in an online database of personal care products.<sup>7</sup>

## References

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- 6. Danish Ministry of the Environment, Environmental Protection Agency. Surveys on Chemicals in Consumer Products. Report 90, 2008. <a href="http://www.mst.dk/English/Chemicals/Consumer\_Products/Surveys-on-chemicals-in-consumer-products.htm">http://www.mst.dk/English/Chemicals/Consumer\_Products/Surveys-on-chemicals-in-consumer-products.htm</a>.
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